

Title (en)

PISTON FOR DISPENSING A FLOWABLE COMPONENT FROM A CARTRIDGE

Title (de)

KOLBEN ZUR ABGABE EINES FLIESSFÄHIGEN BESTANDTEILES AUS EINER PATRONE

Title (fr)

PISTON POUR DISTRIBUER UN FLUIDE D'UNE CARTOUCHE

Publication

**EP 3049191 A1 20160803 (EN)**

Application

**EP 14783592 A 20141008**

Priority

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Abstract (en)

[origin: CA2929442A1] The invention relates to a piston for dispensing a flowable component from a cartridge. The invention starts from a piston having a base body (12) and a venting element (13). The base body (12) has a passage (22) connecting a component side and an actuation side and having a passage opening (23). The venting element (13) has an internal connection element (26) and a pin (24) which is partly arranged in the passage opening (23) of the base body (12). The internal connection element (26) and the pin (24) are connected by means of a spring element (25). The pin (24) of the venting element (13) can adopt a sealing position and an aerating position. To enable such a secure sealing, it is proposed in accordance with the invention that the spring element (25) is configured such that it includes an angle  $\alpha$  of a maximum of  $80^\circ$  with the axial direction (17) in the sealing position of the pin (24) at a connection line to the internal connection element (26) in the direction of an actuation side.

IPC 8 full level

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